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**DIAMOND BLADE**

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Inventor(s): SUZUKI KOUICHI  
Applicant(s): SANKYO DIAMOND KOGYO KK  
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**Abstract**

**PROBLEM TO BE SOLVED:** To provide a diamond blade capable of preventing the wear of a boundary part between a cutting diamond chip and a steel substrate and shaking during cutting by reinforcing the substrate.

**SOLUTION:** In a diamond blade DB having an outer diameter of approximately 250 mm or more for manufacturing a steel substrate 1 and cutting diamond chips 4 and 5 by a simultaneous sintering method, roughly T-shaped cutting diamond chips 4 and 5 having tongue parts 4a and 5a extended toward the center direction of a diamond wheel are attached to the outer periphery of the steel substrate 1 at a specified interval, and a plurality of substrate reinforcing diamond chips 6 formed toward the outer peripheral direction to have specified widths are attached to almost a middle position between the outer periphery of the substrate 1 and diamond blade DB at specified intervals in a circumferential direction.

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